

Claims

1. In an electronic device interfaced with a network, a method, comprising the steps
5 of:
 running a management application on the electronic device for managing
 items;
 receiving a request at the management application from a web browser
 client; and
10 translating the request into one or more command line interface (CLI)
 commands.
2. The method of claim 1 further comprising the step of:
 storing the CLI commands that result from the translating.
- 15 3. The method of claim 1 further comprising the step of forwarding the CLI
 commands that result from the translating to a CLI client.
4. The method of claim 1, wherein the electronic device includes a display and
20 wherein the CLI commands that result from the translating are output on the display.
5. The method of claim 1 further comprising the steps of:
 receiving additional requests at the management application from the web
 browser client; and
25 translating the additional requests into CLI commands.
6. The method of claim 5 further comprising storing the CLI commands resulting
 from the translating of the additional requests in a script.
- 30 7. The method of claim 6 further comprising the step of executing the script.
8. The method of claim 1 further comprising the step of responding to the request
 independently of the translating.
- 35 9. The method of claim 1, wherein the management application has a plug-in
 application registered with the management application to provide enhanced
 functionality and wherein the plug-in application provides information to the

management application regarding how to translate the request into the one or more CLI commands.

10. The method of claim 1, wherein the management application manages items in a storage area network (SAN).

11. On a web server, a method, comprising the steps of:
receiving requests from a client using a web browser;
translating the requests into command line interface (CLI) commands;
recording the commands in a script; and
forwarding the script to the client for display on a display device.

12. The method of claim 11 further comprising the step of sending responses to the client in response to the requests.

13. The method of claim 11 further comprising the step of:
providing a CLI client that submits requests to the web server from a client machine, said CLI client including a CLI for entering commands;
passing the script to the CLI; and
executing the script.

14. The method of claim 11 further comprising the step of persistently storing the script.

15. An electronic device, comprising:
a network interface for interfacing with a network;
a management application for servicing requests from clients received from the network via the network interface; and
a scripting service for receiving the requests from said clients and translating the requests into command line interface (CLI) commands.

16. The electronic device of claim 15 further comprising a storage for storing the CLI commands.

17. A medium for use in an electronic device that is interfaced with a network, said electronic device running a management application for managing items, said medium holding instructions for performing a method, comprising the steps of:

running a management application on the electronic device for managing items;

receiving a request at the management application from a web browser client; and

5 translating the request into one or more command line interface (CLI) commands.

10 18. The medium of claim 18, wherein the method further comprises the step of: storing the CLI commands that result from the translating.

19. The medium of claim 18, wherein the method further comprises the step of: of forwarding the CLI commands that result from the translating to a CLI client.

15 20. The medium of claim 18, wherein the method further comprises the step of: displaying the CLI commands on a display device.

20 21. The medium of claim 18, wherein the method further comprises the steps of: receiving additional requests at the management application from the web browser client; and translating the additional requests into CLI commands.

25 22. The medium of claim 18, wherein the method further comprises the steps of: receiving requests from a client using a web browser; translating the requests into command line interface (CLI) commands; recording the commands in a script; and forwarding the script to the client for display on a display device.